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GNAI2, 1-355aa, Human, His tag, E.coli

产品货号: TP02285

第三版

别名:Guanine nucleotide-binding protein G(i) subunit alpha-2, GIP, GNAI2B, H_LUCA15.1, H_LUCA16.1.

描述:GNAI2 is an alpha subunit of guanine nucleotide binding proteins (G proteins). The protein contains the guanine nucleotide binding site and is involved in the hormonal regulation of adenylate cyclase. Several transcript variants encoding different isoforms have been detected for this gene, but the full-length nature of only two are known so far.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol

分子量:42 kDa (375aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGCTVSAEDKAAAERSKMIDKNLREDGEKAAREVKLLLLGAGESGKSTIVKQMKIIHED
GYSEEECRQYRAVVYSNTIQSIMAIVKAMGNLQIDFADPSRADDARQLFALSCTAEEQGVLPDDLSGVIRRLWADHGVQA
CFGRSREYQLNDSAAYYLNDLERIAQSDYIPTQQDVLRTVKTGIVETHFTFKDLHFKMFDVGGQRSERKKWIHC FEGV
TAIIFCVALSAYDLVLAEDEEMNRMHESMKLFDSICNNKWFTDTSIILFLNKKDLFEKITHSPLTICFPEYTGANKYDEAAS
YIQSKFEDLNKRKDTKEIYTHFTCATDTKNVQFVFDVAVTDVIIKNNLKDCGLF

纯度:> 95% by HPLC

浓度:0.5 mg/ml

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.